

MONSANTO

From: K.W. Lichtenheld CS6G Corporate Engineering (4-6627)

Date: August 12, 1985

cc: D.R. Bowers CS6G

L.V. Bumbicka 1740

Subj: Project Progress Meetings

R.M. Calles CS6G

M.A. Coco Alberici

Re: CEA 3808 - Main South Trunk Sewer

R.J. Geile CS6G

E.R. Hartman CS6G

TO: J.J. Beckerle

Alberici

P.R. Hoemann 1740

W. Bodine

Alberici

L.C. Kreh F2ED

T.N. Carrico

1740*

F.A. Mayse CS6G

G.A. Grundmann

CS6G

B.W. Steketee 1740**

W.C. Koester

Alberici*

R.L. Wiese CS6G

C.J. Lotz

Alberici

R.L. Nelson

1740*

*Present at meeting

K.W. Petterson

1740*

**Part time

R.C. Martini

1740*

O.N. Shipley

1740*

R. Schlereth

Fleischer Seeger**

R.B. Knoll

Fleischer Seeger

Following are minutes of the meeting held at the CED construction trailers on 8/9/85 at 9:30 a.m.

1. Construction Progress

- a. T-2 jumper installed.
- b. Excavation between manhole 2-AA & 2-EE and manhole 2-BB & 2-CC continues.
- c. 42" dia. VCP has been installed and cleaning up is being done between manhole 1-EE & 2-AA.
- d. Lateral L-45 pipe has been installed and encasement forms are being installed.
- e. Encasement poured between manhole 1-EE & 1-JJ.
- f. 42" VCP tested between manhole 1-EE & 2-AA. There were 3 leakers out of 18 joints. 4 joints had evidence of bubbling due to exotherm and this material will be ground out of the joint.
- g. Lateral L-35 was retested. Cracks are present in 2 pieces of VCP, in and adjacent to the bell.
- h. Test on manhole 1-GG. Some leaks in the windows were present and have been patched.

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- i. Poured manhole 2-AA and installed stub for lateral to the north.
- j. 24" dia. flume at manhole 2-AA to be installed as jumper T-1 is being used to divert flow to the east.
- k. Additional grinding on manholes 1-BB & 1-CC was done at encasement to bring manholes into spec.
- l. Alberici has cost figure on tunnel crossing between manhole 3-AA & 3-BB.
- m. Alberici has cost estimate on joints to be redone due to exothermic damage.
- n. Manhole 1-AA has first step of furan lining installed.
- o. Manhole 1-BB. Asphalt membrane being applied after grinding of walls was accepted.
- p. Asphalt membrane. R. Schlereth stated that they were not having any problem with the high asphalt temperatures. They are maintaining kettle temperatures of 360°-400°F, with pouring temperatures at 360°F. They are also not having any asphalt running and dripping as before.

2. Contaminated Soil

- a. Still waiting for state permits to ship stockpiled material.
- b. Petterson to give Nelson quantities of earth to be landfilled that are stockpiled.

3. Jumpers

- a. The 21" dia. VCP for T-3 was ordered with extra fittings for possible changes.
- b. Investigation of undergrounds for this jumper is held up due to the presence of the MCB tank in the area. This work should get started about August 14.
- c. A discussion of the type of joint to be used for the jumpers ensued. Lichtenheld stated that his position has been as follows:

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- 1) Use the joint shown on the contract drawings.
- 2) Permission was given to JSA at their request to use Tamping Mix instead of the Tufchem II and at no additional cost to the project.
- 3) Use plain bell pipe (no gaskets).
- 4) Use gasket supplied by Dicky on pipe and remove the gasket.
- 5) Joints 3 & 4 would require fully packed joints.

4. Dept. 245

- a. It has been decided to use a corrugated metal pipe under the tracks between manhole 3-AA & 3-BB. Petterson to get with JSA and determine length and get corrugated pipe on order.
- b. JSA indicated that 8 working days are required to install the corrugated pipe under the tracks.

5. VCP Joints

- a. Koester agreed that JSA would flag Monsanto personnel on any future exothermic reaction causing boiling so that revised procedures and/or steps could be implemented to prevent this condition.

6. Miscellaneous

- a. It was pointed out that the specs call for sandblasting all surfaces of VCP where membranes lap onto pipe.
- b. A cost estimate on lateral L-85 under the tracks is due by JSA.
- c. Extra work will be required of JSA to meet housekeeping requirements for the plant inspection on October 1 & 2.
- d. Lichtenheld advised project members that he will be on vacation from 8/17 through 9/3/85.

The next progress meeting will be held on Thursday, August 15, at 9:30 a.m. at the construction trailers. All Monsanto project personnel are to meet prior to this meeting at 9:00 a.m.



K.W. Lichtenheld

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